S
553.28
O1S
OCT 1956

STATE DOCUMENTS

Jun1977

RECEIVED WITH PERIODICALS

Montana State Library
3 0864 1005 9826 0

MONTANA OIL AND GAS STATISTICAL BULLETIN

ADMINISTRATORS
JAMES F. NEELY, Exec. Secretary
JOHN B. FLUGSTAD, Petroleum Engr.
JOHN H. RISKEN, Attorney

COMMISSIONERS
D. E. HAGEMAN, Chairman, 2304 Spruce Street, Billings, Montana
J. H. FRERICH, Vice-Chairman, Box 322, Poplar, Montana
E. L. ANDERSON, Box 317, Cut Bank, Mont.
G. W. YODER, 215 E. Morrill, Sidney, Montana
TED HAWLEY, Conrad, Montana

THE OIL AND GAS CONSERVATION COMMISSION

VOL. IV. No. 10 McKEE PRINT. October, 1956

Production of crude oil and condensate from the oil and gas areas of Montana for the month of October, 1956, averaged 59,865 barrels daily, an increase of 2,071 barrels from the average September production of 57,794.

The ten refineries in the State processed 56,146 barrels of crude oil daily for the month of October, 1956, a decrease of 2,445 barrels daily from the 58,591 barrels processed daily during the month of September.

During October, 48 wells were completed, 24 oil, 0 gas wells and 24 dry holes.

During October, 1956, the Commission issued 54 permits to drill new wells, an increase of 6 from the 48 permits issued during September.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA

MONTH OF OCTOBER, 1956

IN STORAGE OCTOBER 1st:	
By Producers	319,641
By Transporters	597,923
By Refiners	688,796
TOTAL STORAGE	1,606,360
Produced in Montana During Month	1,855,832
Imported During Month	1,035,158
TOTALS	4,497,350
DISPOSITION:	
Refined in Montana	1,740,516
Exported	1,034,409
Used for Fuel or Lost	24,215
TOTALS	2,799,140
IN STORAGE OCTOBER 31st:	
By Producers	318,230
By Transporters	591,383
By Refiners	788,597
TOTAL STORAGE	1,698,210

NATURAL GAS WITHDRAWALS IN MONTANA

Month of October, 1956

Field	M Cu. Ft.
Bears Den	11,300
Big Coulee	4,231
Bowdoin	167,438
Bowes	53,557
Box Elder	0
Cedar Creek	458,857
Cut Bank (Including Reagan)	1,418,333
Devon	23,021
Dry Creek	202,718
Elk Basin	28,732
Flat Coulee	29,000
Golden Dome	6,913
Hardin	6,645
Keith Block	41,445
Kevin-Sunburst	89,282
Plevna	22,625
Utopia	20,609
Whitlash	116,908
Miscellaneous	45,881
TOTAL	2,747,495

Total Withdrawals for October, 1955, were 2,248,201 M Cu. Ft.

PRODUCER'S REPORT

MONTH OF ~~SEPTEMBER~~ October, 1956

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	280	3,699	.....	2,684	.....	1,295
2	Bannatyne	3	25	232	.....	257	.....	.....
10	Big Wall	28	5,100	25,492	.....	23,632	.....	6,960
3	Border	7	.....	1,315	.....	1,315	.....	.....
10	Bowes	74	6,475	26,611	28,425	.....	.....	4,661
3	Brady-Midway	3	.....	238	.....	238	.....	.....
5	Bredette	5	8,040	7,339	7,032	.....	.....	8,347
2	Brorson	3	2,098	1,822	1,844	.....	.....	2,076
1	Bynum	1	510	237	.....	175	.....	572
1	Cabin Creek	28	5,991	158,414	152,491	.....	2,124	9,790
27	Cat Creek	86	7,126	14,294	15,025	.....	.....	6,395
3	Clark's Fork	3	3,272	11,945	.....	11,298	.....	3,919
2	Cupton	2	873	1,559	1,400	.....	2	1,030
335	Cut Bank	1,109	127,541	221,840	233,182	.....	.....	116,199
3	Deer Creek	5	1,879	10,383	11,058	.....	.....	1,204
1	Devil's Basin	2	429	119	.....	150	.....	398
6	Dry Creek	6	1,107	11,064	10,983	.....	.....	1,188
20	Elk Basin	60	8,953	144,518	144,764	.....	.....	8,707
3	Fertile Prairie	3	1,822	2,327	.....	2,925	.....	1,224
2	Frannie	2	255	960	709	.....	.....	506
1	Gage	1	580	192	.....	.....	.....	772
2	Gas City	11	5,325	40,187	42,163	.....	.....	3,349
6	Glendive	12	5,610	41,172	42,522	.....	12	4,248
....	Golden Dome	.....	378	.....	.....	.....	.....	378
4	Ivanhoe	10	3,224	40,129	.....	38,705	.....	4,648
209	Kevin-Sunburst	1,396	17,755	85,886	86,260	.....	.....	17,381
1	Lake Basin	1	293	346	.....	338	.....	301
1	Little Beaver	6	2,083	18,670	17,658	.....	52	3,043
3	East Little Beaver	3	1,222	1,944	1,887	.....	350	929
3	Melstone	5	2,117	5,996	.....	4,835	.....	3,278
3	Mosser	6	183	990	.....	.....	.....	1,173
6	Pennel	13	4,290	44,335	42,187	.....	757	5,681
4	Pine	80	21,581	376,116	374,117	.....	4,827	18,753
69	Pondera	327	9,514	58,550	59,535	.....	.....	8,529
86	East Poplar	91	21,967	241,359	221,733	14,249	90	27,254
4	Northwest Poplar	5	1,338	2,420	.....	2,598	.....	1,160
3	Ragged Point	4	801	3,391	.....	2,873	183	1,136
1	Rattlesnake Butte	1	193	206	.....	.....	.....	399
3	Reagan	42	3,828	18,036	19,129	.....	.....	2,735
1	Repeat	1	251	2,183	1,815	.....	.....	619
4	Richey	8	3,326	12,187	12,028	.....	314	3,171
....	Rudyard	.....	35	.....	.....	.....	.....	35
2	Snyder	4	1,487	3,560	.....	3,866	8	1,173
5	Soap Creek	21	4,515	18,884	.....	19,275	182	3,942
1	Southwest Richey	3	1,573	5,392	5,500	.....	.....	1,470
18	Sumatra	57	13,099	125,432	118,356	6,441	.....	13,734
2	Sweetgrass Hills	2	482	317	.....	183	13	603
1	Utopia	1	.....	159	.....	.....	.....	159
10	Whitlash	25	3,564	9,066	5,077	1,880	.....	5,673
1	Wibaux	1	538	72	.....	467	.....	143
8	Wolf Springs	19	6,094	53,271	52,003	.....	.....	7,362
1	Woodrow	1	366	416	458	.....	.....	324
1	Yellowstone	1	248	560	.....	604	.....	204
904		3,592	319,641	1,855,832	1,709,341	138,988	8,914	318,230

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1955	15,654,426	42,889	15,526,471	42,538
First Quarter, 1956	5,069,931	55,714	5,037,112	55,353
Second Quarter, 1956	5,271,571	57,929	5,213,932	57,296
Third Quarter, 1956	5,470,682	59,463	5,425,391	58,971
October, 1956	1,855,832	59,865	1,848,329	59,623

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil in Storage
December 31, 1956	298,039	575,486	575,324	1,448,849
March 31, 1956	289,876	576,594	500,893	1,367,363
June 30, 1956	309,591	595,066	548,755	1,453,412
September 30, 1956	319,641	597,923	688,796	1,606,360
October 31, 1956	318,230	591,383	788,597	1,698,210

*Includes Wyoming Oil.

TRANSPORTER'S REPORT
MONTH OF OCTOBER, 1956

	Storage First of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Trucks			2,684				2,684		
BANNATYNE—Trucks			257			257			
BIG WALL—Trucks			23,632			15,126	8,506		
BORDER—Trucks			1,315			1,315			
BOWES—									
Trigood Oil Company	5,994	7,628			30		7,765		5,787
The Texas Company		20,797				20,797			
	5,954	28,425			30	20,797	7,765		5,787
BRADY-MIDWAY—Trucks			238			238			
BRORSON—Sun Oil Company		1,844					1,844		
BYNUM—Trucks			175			175			
CABIN CREEK AND OTHERS*—									
Butte Pipe Line Company	312,714	587,699		318,822	(64)		915,622		303,677
Shell Pipeline Corp.	3,165	63,133			(120)			63,569‡	2,849
	315,879	650,832		318,822	(184)		915,622	63,569	306,526
CAT CREEK—									
Continental Pipeline Co.	10,621	10,620			102	12,943			8,196
Wm. Hanlon		4,405				4,405			
	10,621	15,025			102	17,348			8,196
CLARK'S FORK—Trucks			11,298			11,298			
CUT BANK—									
Big West Oil Company		6,714		18,452		25,166			
Darling Gathering System, Inc.	3,544	18,839				17,991			4,392
Phillips Petroleum Company	17,073	47,935		2,754	2,666	31,136		20,715	13,245
The Texas Pipeline Company	67,598	56,367		48,436	846	68,999		21,226	81,330
Toronto Pipeline Company	37,181	59,698			(189)			59,769	37,299
Union Oil Company	56,594	44,035		32,068	1,325	87,514			43,858
	181,990	233,588		101,710	4,648	230,806		101,710	180,124
DEVIL'S BASIN—Trucks			150			150			
DRY CREEK—Ohio Oil Company	6,990	10,984			83	10,599			7,292
ELK BASIN—Ohio Oil Company		144,767				103,534	41,233		
FERTILE PRAIRIE—Trucks			2,925				2,925		
FRANNIE—Ohio Oil Company		709					709		
GLENDIVE, DEER CREEK and WOODROW—									
The Texas Pipeline Company	6,471	54,039			212			52,903‡	7,395
IVANHOE—Trucks			38,705			25,790	12,915		
KEVIN-SUNBURST									
Big West Oil Company	2,055	37,803				37,816			2,040
Homestake Oil & Gas Company	208	3,773				3,434			497
The Texas Pipeline Company	7,847	43,338		1,448	530	44,260			7,843
Anna Aronow	192	1,474						1,448	218
	10,302	86,438		1,448	580	85,562		1,448	10,598
LAKE BASIN—Trucks	3,087		338				3,425		
MELSTONE—Trucks			4,835			4,835			
PONDERA—									
Phillips Petroleum Company	6,213	59,736			(641)	60,870			5,720
POPLAR and BREDETTE—									
East Poplar Gathering System	18,072	221,733			(853)		7,065	202,350‡	31,243
Trucks			16,847				16,847		
	18,072	221,733	16,847		(853)		23,912	202,350	31,243
RAGGED POINT—Trucks	618		2,873		215	2,772			504
REAGAN—Union Oil Company		19,129				19,129			
SNYDER—Trucks			3,866			1,475	2,391		
SOAP CREEK—Trucks			19,275			15,705	3,570		
SUMATRA—									
Powder River Pipeline, Inc.	17,386	118,356			593	117,699			17,450
Trucks			6,441				6,441		
	17,386	118,356	6,441		593	117,699	6,441		17,450
SWEETGRASS HILLS—Trucks			183			183			
WHITLASH—									
Homestake Oil & Gas Company	2,644	270		4,773		5,808			1,879
Western Natural Gas Company	341	4,807						4,773	375
Trucks			1,880			1,880			
	2,985	5,077	1,880	4,773		7,688		4,773	2,254
WIBAUX—Trucks			467				467		
WOLF SPRINGS—									
Powder River Pipe Line Co.	9,783	51,082			255	52,316			8,294
Trucks	1,572				226	1,346			
	11,355	51,082			481	53,662			8,294
YELLOWSTONE—Trucks			604			604			
TOTALS	597,923	1,701,764	138,988	426,753	5,266	807,617	1,034,409	426,753	591,383

*Cabin Creek, Cupton, Gas City, Little Beaver, East Little Beaver, Pennel, Pine, Repeat, Richey and Southwest Richey Fields.
‡Transferred to Butte Pipe Line Co.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF OCTOBER, 1956

Fields	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asph. Co.	Farmers Union	Jet Fuel Refinery	Phil. Petr. Co.	The Texas Co.	Texas Calgary Co.	Union Oil Co.	Total by Fields
Banntayne							257				257
Big Wall					16,259						16,259
Bowes				16,287							16,287
Brady-Midway							238				238
Bynum							175				175
Cat Creek			13,013			4,841					17,854
Clark's Fork					11,505						11,505
Cut Bank	25,166						31,127	40,956		86,378	183,627
Devil's Basin									150		150
Dry Creek					10,478						10,478
Elk Basin		71,570	31,964								103,534
Gage					122						122
Ivanhoe					9,157					17,999	27,156
Kevin-Sunburst	50,065										50,065
Melstone						5,515					5,515
Pondera							61,933				61,933
Ragged Point					2,772						2,772
Reagan										19,129	19,129
Snyder									1,475		1,475
Soap Creek									13,480		13,480
Sumatra			690		127,504						128,194
Sweetgrass Hills	183										183
Whitlash										1,879	1,879
Wolf Springs		61,540					1,346				62,886
Yellowstone					618						618
Total Montana Oil	75,414	133,110	45,667	16,287	178,415	10,356	95,076	40,956	15,105	125,385	735,771
Canadian Oil Imported							1,429			6,109	7,538
Wyoming Oil Imported		510,997	163,348		320,581	1,781					997,207
TOTAL Montana, Canadian and Wyoming Oil	75,414	644,107	209,515	16,287	498,996	12,137	96,505	40,956	15,105	131,494	1,740,516

AVERAGE BARRELS PER DAY

	Montana	Canada	South Dakota	Wyoming	TOTAL
Year, 1955	27,008		35	30,714	57,757
October, 1955	20,798		45	26,486	47,329
October, 1956	23,735	243		32,168	56,146

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	South Dakota	Wyoming
46.76%		.06%	53.18%
43.94%		.10%	55.96%
42.28%	.43%		57.29%